

INTERNATIONAL SEARCH REPORT

Intern. Application No
PCT, 00/J04/038700

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/68 C12P19/34 C12P21/06 G01N33/547 C07K14/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q C12P G01N C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>LIU R ET AL: "19 OPTIMIZED SYNTHESIS OF RNA-PROTEIN FUSIONS FOR IN VITRO PROTEIN SELECTION"</p> <p>METHODS IN ENZYMOLOGY, ACADEMIC PRESS INC, SAN DIEGO, CA, US,</p> <p>vol. 318, 2000, pages 268-293, XP002909305</p> <p>ISSN: 0076-6879</p> <p>page 289 - page 290; figures 2,3</p> <p>-----</p> <p>-/--</p>	3-25, 27, 28

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

22 June 2005

Date of mailing of the international search report

09/08/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
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Intern: pplication No
PCT, J04/038700

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KURZ M ET AL: "cDNA - protein fusions: covalent protein - gene conjugates for the in vitro selection of peptides and proteins." CHEMBIOCHEM : A EUROPEAN JOURNAL OF CHEMICAL BIOLOGY. 3 SEP 2001, vol. 2, no. 9, 3 September 2001 (2001-09-03), pages 666-672, XP002332971 ISSN: 1439-4227 figure 2	3-25, 27, 28
A	US 6 602 685 B1 (LOHSE PETER) 5 August 2003 (2003-08-05)	
A	BOGDAN JOHN A ET AL: "Identification of peptides that mimic the pertussis toxin binding site on bovine fetuin." APPLIED AND ENVIRONMENTAL MICROBIOLOGY, vol. 69, no. 10, October 2003 (2003-10), pages 6272-6279, XP002332972 ISSN: 0099-2240 cited in the application	

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 1, 2, 26, 29-51

The specific sequences of claims 1, 2, 26, 29-51 have, according to PCT Rule 13ter.1.c, not been searched since the Sequence Listing as present in the description does not comply with WIPO Standard ST25 prescribed in the administrative instructions under Rule 5.2. The Sequence Listing has been furnished neither in paper form nor in machine readable form as provided for in the same instructions and the Applicant has not remedied the disclosed deficiencies within the time limit fixed in the invitation pursuant to PCT Rule 13ter.1.a. Therefore, claims related to specific sequences were not searched. The Attention to the Applicant is drawn to the fact that in addition claims 8 and 9 were searched only partially, i.e. when they do not related to said specific sequences.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

INTERNATIONAL SEARCH REPORT

Ir

International application No.
PCT/US2004/038700**Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☒ Claims Nos.: 1, 2, 26, 29-51
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/038700

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6602685	B1	05-08-2003	AU 757955 B2 13-03-2003
		AU 6129699 A 06-03-2000	
		CA 2337490 A1 24-02-2000	
		EP 1105360 A1 13-06-2001	
		JP 2002522057 T 23-07-2002	
		WO 0009464 A1 24-02-2000	
